

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Mi Sook NAM

Group Art Unit: TBA

Application No.: TBA

Examiner: TBA

Filing Date: June 29, 2001

For: PHOTO-ALIGNMENT AND LIQUID CRYSTAL DISPLAY DEVICE AND ITS
MANUFACTURING METHOD USING THE SAME

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Commissioner of Patents
Washington, D.C. 20231

Sir:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The Applicant(s) wish to make of record the references listed on the attached Form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending applications or issued patents which may be related to the present application. A copy of the patent(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

CERTIFICATION

The undersigned certifies that

- ☐ each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.

PETITION

- ☐ Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR § 1.17(i)(1).

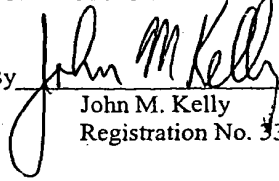
DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account No. 50-0911. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

LONG ALDRIDGE & NORMAN, LLP

By


John M. Kelly
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Date: October 30, 2001

PTO 1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEAttorney Docket No.
8733.444.00Application No.
~~PBA~~ 09/893,917LIST OF REFERENCES CITED BY
APPLICANT

(Use Several Sheets if Necessary)


Date: October 30, 2001

Applicant: Mi Sook NAM

Filing Date: June 29, 2001

Group: ~~TBA~~ 1112

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,974,941	12/1990	Gibbons et al.	350	349	
	4,974,991	12/1990	Mandavi	404	6	
	5,032,009	7/1991	Gibbons et al.	350	341	
	5,389,698	2/1995	Chigrinov et al.	522	2	
	5,389,998	2/1995	Dunsmore et al.	354	484	
	5,464,669	11/1995	Kang et al.	428	1	
	5,538,823	7/1996	Park et al.	430	20	
	5,656,340	8/1997	Ubukata et al.	428	1	
	5,705,096	1/1998	Kano et al.	252	299.4	
	5,767,994	6/1998	Kang et al.	359	72	
	5,824,377	10/1998	Pirwitz et al.	428	1	
	5,928,561	7/1999	Bryan-Brown et al.	252	299.4	
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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
0525473A2	2/1993	EP	
0525473A3	2/1993	EP	
0525478A2	2/1993	EP	
0742471A2	11/1996	EP	
0742471A3	11/1996	EP	
0611786A1	8/1994	EP	
0750212A2	12/1996	EP	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Martin Schadt et al., "Surface-Induced Parallel Alignment of Liquid Crystals by Linearly Polymerized Photopolymers." *Jpn. J. Appl. Phys.* Vol. 31, 1992, pp. 2155-2164.

EXAMINER

DATE CONSIDERED 11/4/02

*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**English-language abstract provided.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION: Mi Sook NAM

GROUP ART UNIT: TBA

SERIAL NUMBER: 09/893,977

EXAMINER: TBA

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PETITION

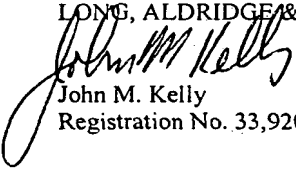
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Respectfully submitted,

LONG, ALDRIDGE & NORMAN LLP


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Application No.
09/893,977

(Use Several Sheets if Necessary)

Date: December 28, 2001

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DEC 28 2007
PATENT & TRADEMARK OFFICE

Filing Date
June 29, 2001

Group
TBA




U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	Imura et al. "Invited Address: Electro-Optic Characteristics of Amorphous and Super-Multidomain TN-LCDs Prepared by a Non-Rubbing Method." <u>SID 94 DIGEST</u> . Pages 915-918.
	Hashimoto et al. "TN-LCD with Quartered Subpixels Using Polarized UV-Light-Irradiated Polymer Orientation Films." <u>SID 95 DIGEST</u> . Pages 877-880.
	Lim et al. "Tilting of Liquid Crystal Light Through Interaction with Methyl Orange Molecules Oriented by Circularly Polarized Light." <u>JPN. J. APPL. PHYS.</u> Volume 35 (1996) Pages 1281-1283.

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****English-language abstract provided.**

Notice of References Cited

Application/Control No.

09/893,977

Applicant(s)/Patent Under
Reexamination
NAM, MI SOOK

Examiner

Jane J Rhee

Art Unit

1772

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,184,959	02-2001	Izumi, Yoshihiro	349/124
	B	US-6,274,695	08-2001	Endou et al.	528/170
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.